

ORLANDO RODRIGUEZ

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orlandorodriguez.xyz

GitHub: [OrlieRod314](#)

EDUCATION

BS IN COMPUTER SCIENCE, DATA SCIENCE & MINOR IN SPANISH LANGUAGE

University of Arizona Honors College

2023

Tucson, Arizona

SKILLS

| | | | | |
|---------------|------------|--------|----------------------|--------------|
| C | Java | Python | Bash/Shell Scripting | HTML |
| CSS/Bootstrap | JS/ReactJS | PHP | SQL | nginx |
| LaTeX | Markdown | VBox | Linux | HPC Clusters |

EXPERIENCE

SYMMETRY DETECTION AND CLASSIFICATION IN DRAWINGS OF GRAPHS

Research Assistant

University of Arizona

2020

Tucson, Arizona

- Implemented Graph Neural Networks to classify common and abstract symmetries in graph drawings
- Deployed Neural Network models using programs written in collaboration with research team
- Utilized High-Performance Computing cluster to regularly conduct intensive Neural Network training and prediction experiments
- Applied Linux knowledge to create job scripts with PBS directives

UA CYBERCATS

Member

University of Arizona

2019-Present

Tucson, Arizona

- Participated in hacking competitions and learned about Offensive Security
- Experienced with Kali Linux

CREATED LINUX DISTRIBUTION

Creator of Orlix

2020

- Configured Arch Linux variant featured on orlandorodriguez.xyz
- Designed to be lightweight with emphasis on high-speed development and deployment

WEB DESIGN

Creator of orlandorodriguez.xyz

2018-Present

- Manage both front/back-end with LEMP stack
- Feature current projects and link to Github
- Frequently publish articles about computer science, statistics, technology, and philosophy

LEADERSHIP EXPERIENCE

WILDCAT ÉPÉE FENCING CLUB

Secretary

University of Arizona

2019-Present

Tucson, Arizona

- Represent the university by traveling across the country to tournaments
- Regularly compile team statistics, track attendance, and handle logistics
- Negotiate with university officials and campus recreation to approve events
- Interact daily with members to create a fun team environment
- Manage the team website at uawildcatfencing.com

AWARDS AND HONORS

NATIONAL MERIT HISPANIC SCHOLAR 2019

2019